

New Horizons Symposium 13-14 November 1997

Presented By:
Mrs Marty Evans
Acting Director
ESC/ZJ
781-377-8440

EX NUSQUA

Overview

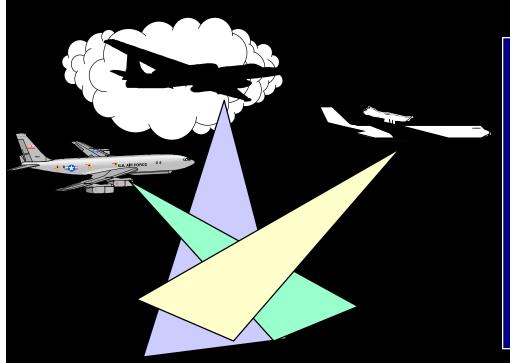
- Mission
- Technology Challenges
 - **Airborne Surveillance**
 - Infrared Countermeasures
 - National Information to the Warfighter
 - **Combat Identification**

Mission

Develop and implement sensitive capabilities to exploit, advance, and protect command and control systems that

- Leverage new technologies
- –Integrate with the ESC C2 framework
- -Facilitate dominant maneuver, precision engagement, full dimensional protection, and focused logistics

Airborne Surveillance



Advanced airborne surveillance technologies & concepts for theater air defense

- -Tactical ballistic missiles and cruise missiles
- -Mobile launchers

- Technology challenges
 - -Small digital receivers
 - –High speed, small volume computing
- Target classification & identification
- -Multi-sensor fusion

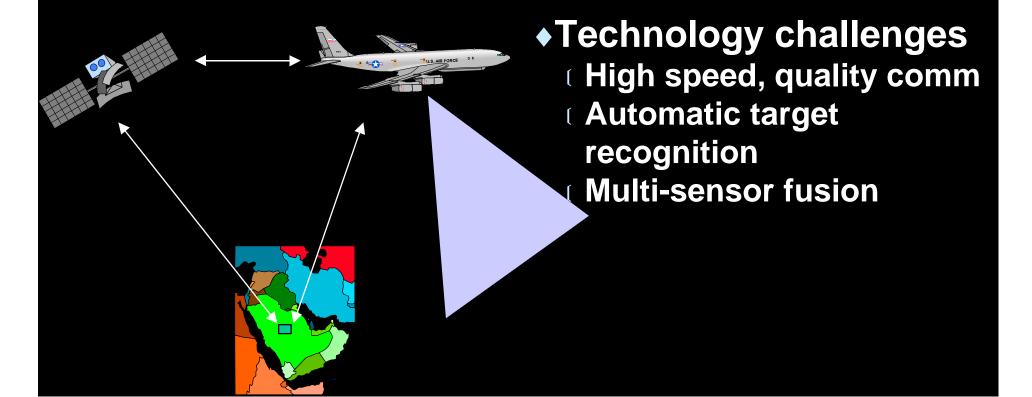
Infrared Countermeasures



- ◆Integrated infrared countermeasures (IRCM) solutions for large, high value aircraft
- ◆ Technology challenges
 - **Missile warning systems**
 - Multi-band laser
 - Pointing & tracking systems

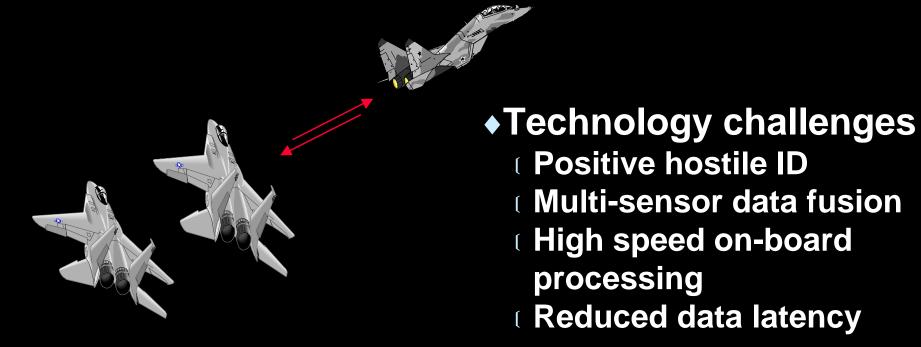
National System Information to the Warfighter

 High resolution imagery from national assets to theater



Combat Identification

 Devising unique combat ID tools to maximize the capabilities of US beyond-visual-range weapons



Summary

- Requesting industry's help
 - New technologies, ideas, and concepts
 - **Relevant IRAD activities**

Mrs Marty Evans 11 Barksdale St Hanscom AFB, MA 01731-1634

Telephone: 781-377-8440

Unclassified FAX: 781-377-6867

Classified FAX: 781-377-2966